

Hobble Creek

The Hobble Creek snow course is at the top of Hobble Creek Canyon at elevation 7420 msl. It is located in a narrow north south trending meadow with both aspens and conifers on each side. This meadow eventually opens up into a wider meadow with primarily aspen on the sides. Conifers are generally large for the area. The aspect is generally north facing with a gentle slope. There is some snowmobile/recreational activity in the area that has not yet impacted the course.

Potential weather modification: 77



The snow course is located above the corrals up close to the conifers in the upper left of this 1936 photo.



This is the upper portion of the course looking to the north.



This photo is basically from the same location as the previous shot but looking up the hill to the south.

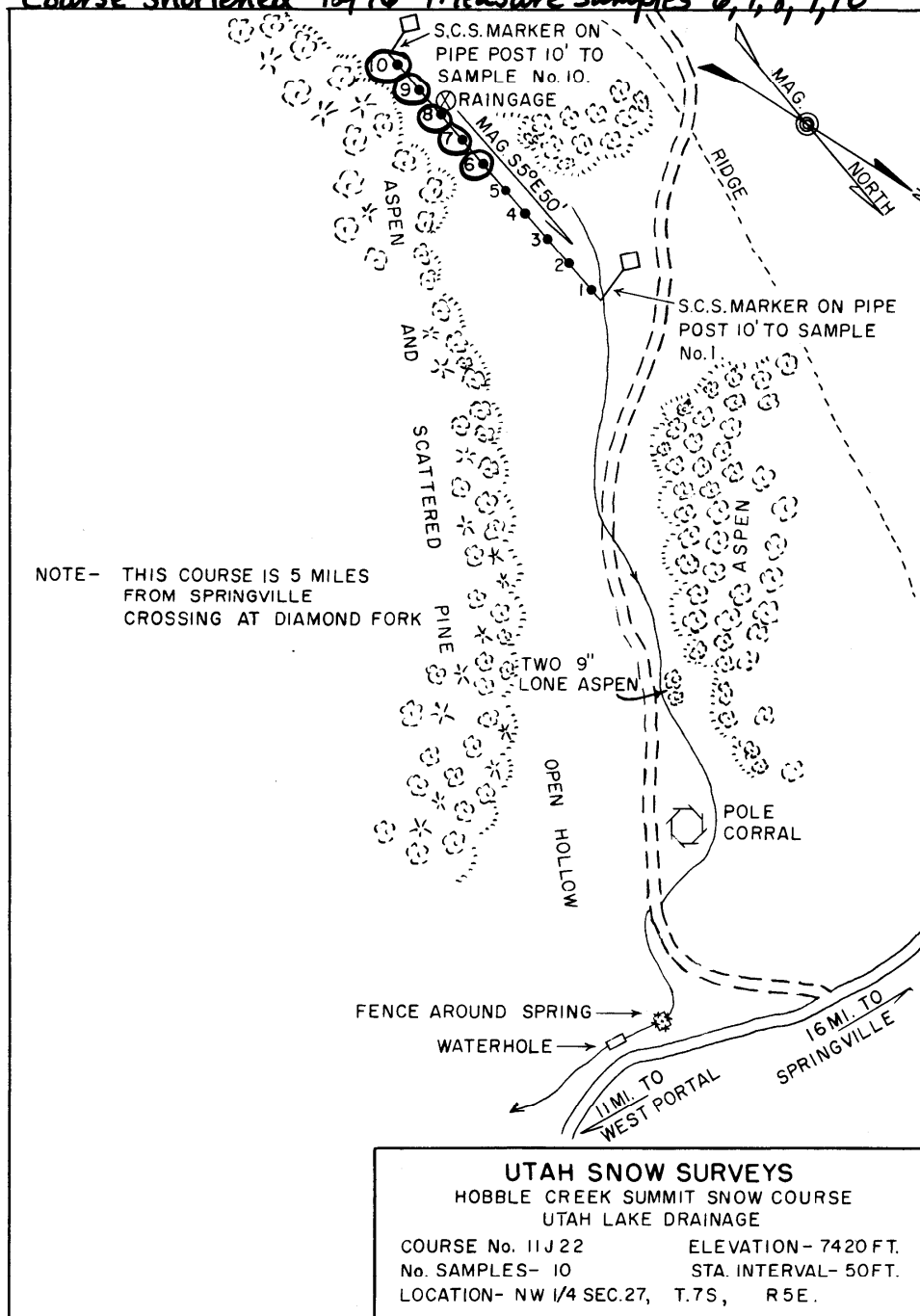


In this 2007 photo you can see that the meadow has been encroached to some degree by both aspens and conifers, the tree heights are taller and the stand of trees is denser. There is significant brush along the side of the course.



In this photo looking to the north, similar in position to the 1936 photo #2 but slightly uphill, there is a distinct narrowing of the meadow around the snow course with fairly tall aspens.

Course shortened 12/76 Measure samples 6,7,8,9,10



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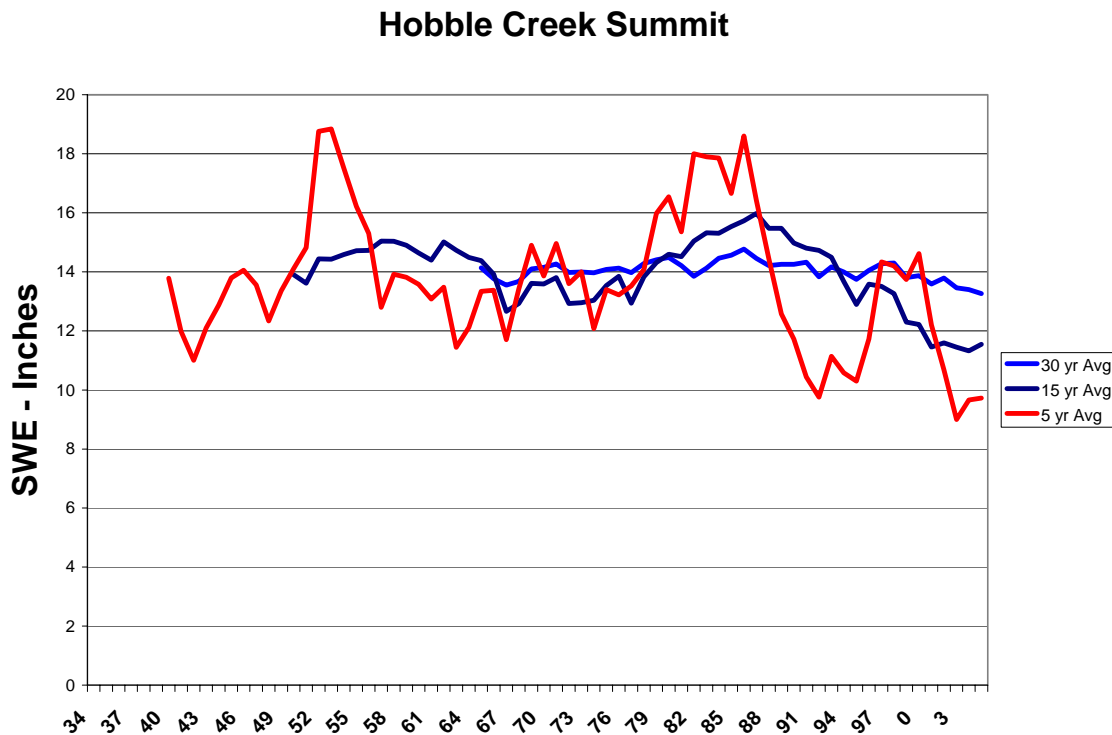
7-L-19625-29

Course shortened to 5 points in 1976.

7-1-19675-29

Sample points renumbered in 86.

When a snow course was shortened, the original points continued to be measured although renumbered, thus points 1,2,3,4 and 5 may have originally been points 13,14,15,16 and 17. This map also shows the relative position of vegetation and other features with respect to the course. Distances are not measured and asterisks do not represent individual trees but rather a general depiction of vegetation. The density of vegetation is also relative and not absolute.



This chart shows the 5, 15 and 30 year average April 1 swe. In the 5 year trend there are some sharp ups and downs with the latter period being lower than the earlier portion of the record. The 30 year running average shows a flat trace with a little dip at the end. This site is being impacted to some degree by the encroaching and growing stand of aspens and conifers. The quantification of that impact and potentially others have yet to be determined. This site would be questionable for use in long term comparisons.

R Julander
2007